LIST OF EXHIBITS

STONE ENERGY CORPORATION

Docket No. 2011-08
Cause No. 166-04

April 28, 2011

Tab/Exhibit No.

LAND EXHIBITS

1. Regional Threemile Unit Locator Map
2. Area Locator Map
3. Threemile Unit Land Plat
4. Leasehold Ownership Report
5. Area Well Location and Infrastructure Plat

WELL DATA/RESERVOIR ANALYSIS

6. Brief Hatch Point History
7. Whiting Threemile 43-18 H Production History
8. Well Survey Plat
9. Threemile 12-7 Well Log
10. Threemile 12-7 Initial Test Results
11. Well Completion Report and Log
12. Threemile 12-7 Gas Analysis Report
13. Threemile 12-7 Pro Forma Production Forecast
14. Summary Pro Forma Production Forecast
15. Example Economics Run

16. Summary Example Econonics Run

17. Alternatives of Gas Flaring

18. Gas Pipeline Alternative

Appendix 1-1: Appendix 1

Appendix 1-2: Compressed Natural Gas

Appendix 1-3: Gas to Liquids

Appendix 1-4: Gas to Wire

Appendix 1-5: Gas Injection

Appendix 1-6: Use on Lease

Appendix 1-6: Use on Lease

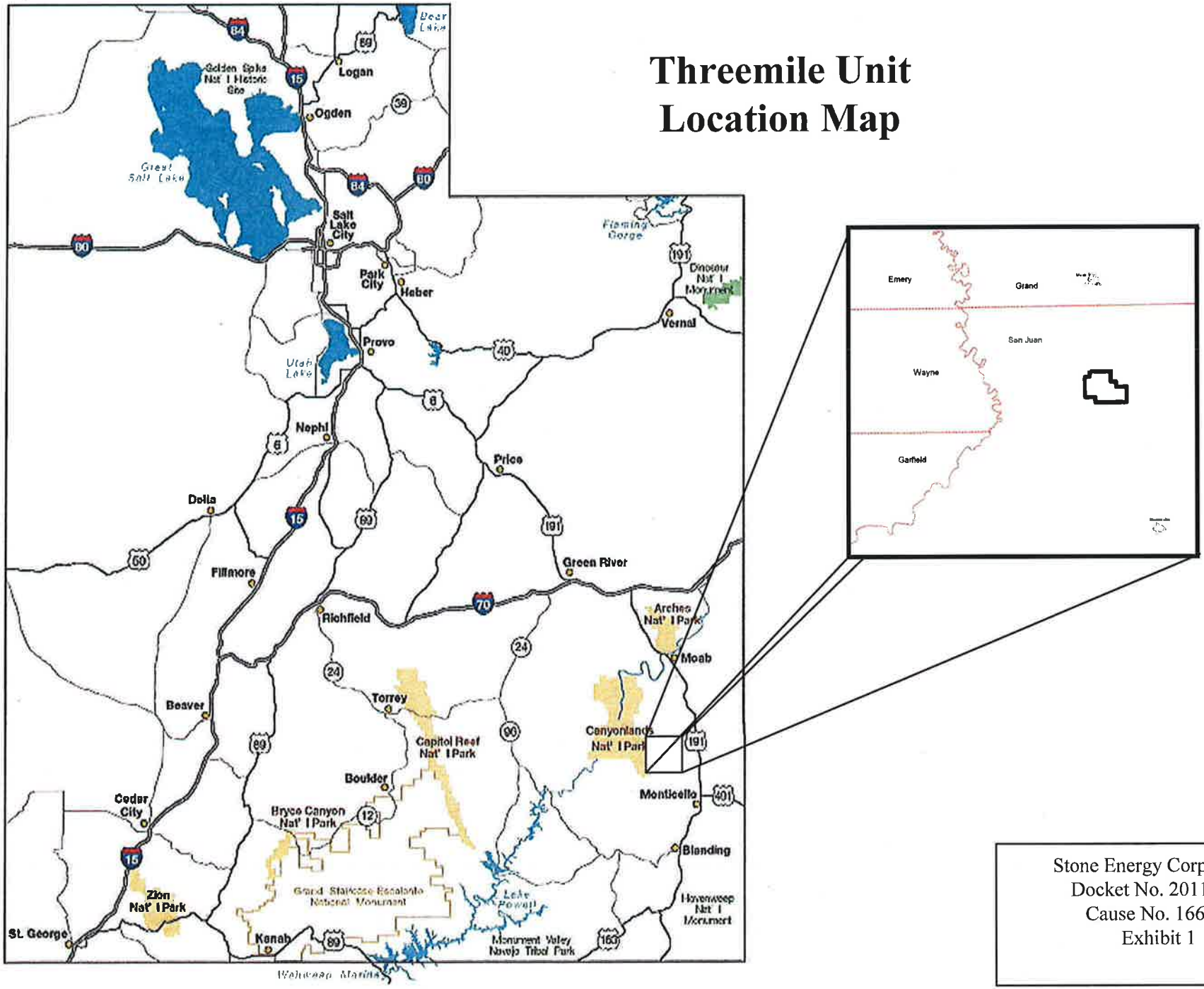
19. Summary & Conclusions

20. Kent Davis Vita

21. Kim Overcash Vita

22. PowerPoint Presentation [to be provided at hearing]

Threemile Unit
Location Map



Stone Energy Corporation
Docket No. 2011-008
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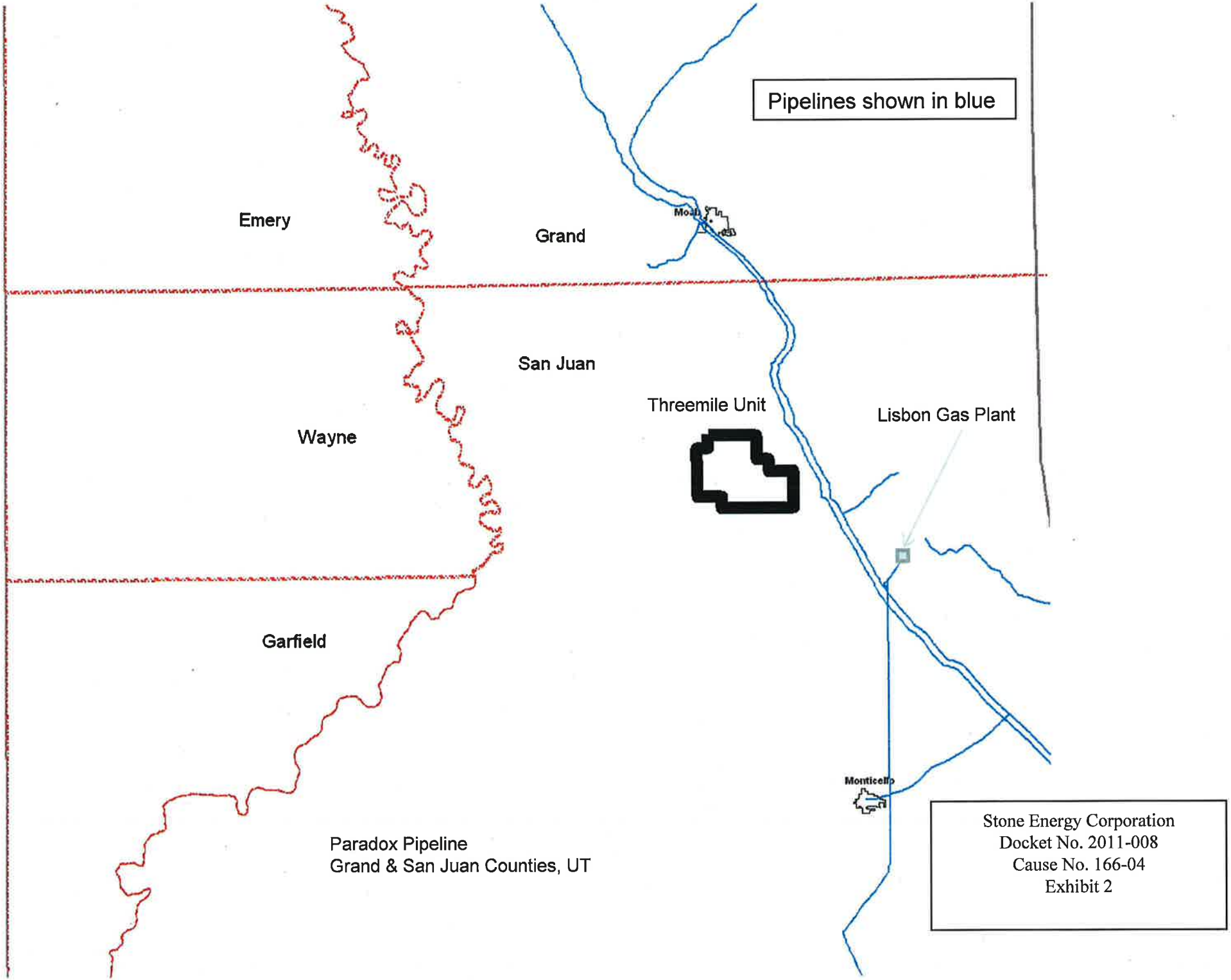
Exhibit 1


Pipelines shown in blue
Emery
Grand
San Juan
Wayne
Garfield
Threemile Unit
Lisbon Gas Plant
Monticello
Paradox Pipeline
Grand & San Juan Counties, UT
Stone Energy Corporation
Docket No. 2011-008
Cause No. 166-04
Exhibit 2

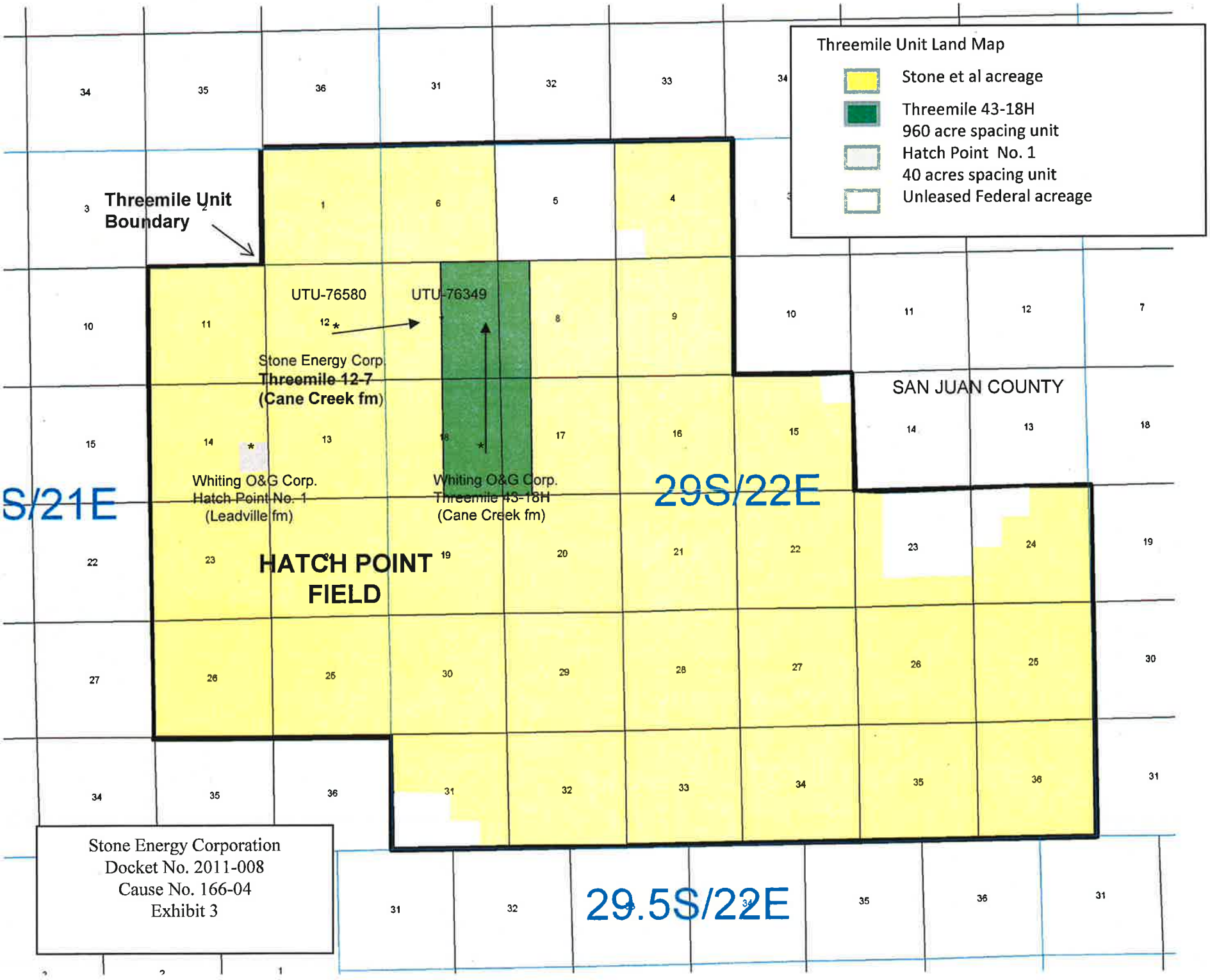

Threemile Unit Land Map
Stone et al acreage
Threemile 43-18H
960 acre spacing unit
Hatch Point No. 1
40 acres spacing unit
Unleased Federal acreage
Threemile Unit Boundary
UTU-76580
UTU-76349
Stone Energy Corp.
Threemile 12-7
(Cane Creek fm)
Whiting O&G Corp.
Hatch Point No. 1
(Leadville fm)
Whiting O&G Corp.
Threemile 43-18H
(Cane Creek fm)
HATCH POINT FIELD
SAN JUAN COUNTY
S/21E
29S/22E
29.5S/22E
Stone Energy Corporation
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Exhibit 3

Leasehold Ownership

UTU-76580 (HBP)

Working Interest - Stone Energy Corporation, Whiting Oil and Gas Corporation, Headington Oil Company, LLC, Evertson Energy Partners, LLC, Halliburton Energy Services, Inc., Ramshorn Investments, Inc., Pamco Investments Corporation

Royalty Interest – United States of America

Overriding Royalty Interest – Intrepid Oil & Gas LLC, Aspect Resources, LLC, River Gas Company, LLC, Hugh E. Harvey, Jr., Robert P. Jornayvaz III, Fairway Asset Management, Kyle R. Miller, John E. Dyer, Whiting Oil and Gas Corporation

UTU-76349 (HBP)

Working Interest - Stone Energy Corporation, Whiting Oil and Gas Corporation, Headington Oil Company, LLC, Evertson Energy Partners, LLC, Halliburton Energy Services, Inc., Ramshorn Investments, Inc., Pamco Investments Corporation

Royalty Interest – United States of America

Overriding Royalty Interest – Kyle R. Miller, John E. Dyer, Central Resources, Inc., St. Anselm Exploration Company, Spiro G. Vassilopoulos, James L. Scieszinski, BBE Holdings LLC, Fairway Asset Management, Benson Mineral Group, Incorporated, Dale L. Schwarzhoff, The Esperanza Company, HHK-Wilcox Company, Inc., Leo B. Helzel and Florence Helzel Living Trust, Bearcat, Inc., River Gas Company, LLC, Timothy L. Smith, Johnson Family, LLC, Raymond T. Duncan Oil Properties, Ltd., Raymond G. Sebastian, William S. Montgomery, John M. Legg, Kirkpatrick Energy Associates, Whiting Oil and Gas Corporation

Stone Energy Corporation
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Exhibit 4A

Leasehold Ownership

[To be provided]

Stone Energy Corporation
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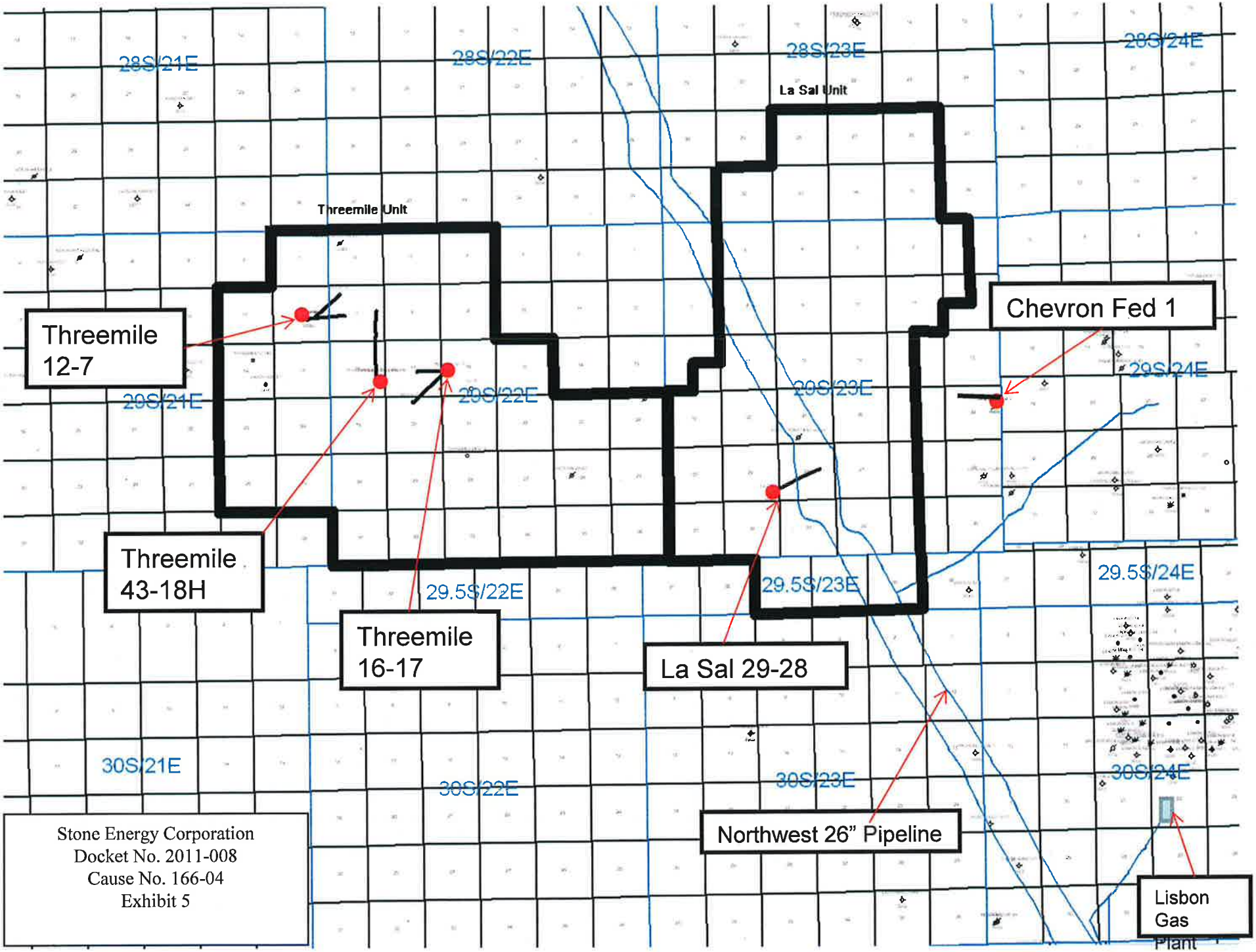
Exhibit 4B


28S/21E
28S/22E
28S/23E
28S/24E
La Sal Unit
Threemile Unit
Threemile 12-7
Chevron Fed 1
29S/24E
20S/21E
20S/22E
20S/23E
Threemile 43-18H
29.5S/22E
29.5S/23E
29.5S/24E
Threemile 16-17
La Sal 29-28
30S/21E
30S/22E
30S/23E
30S/24E
Northwest 26" Pipeline
Lisbon Gas Plant
Stone Energy Corporation
Docket No. 2011-008
Cause No. 166-04
Exhibit 5

Hatch Point History

Stone Energy Corporation
Docket No. 2011-008
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Exhibit 6

- Chevron Federal No. 1
  - 1968 completed as a vertical Cane Creek well
  - 2002 Miller Dyer sidetrack
  - Cum production: 119 MBO, 156 MMCF, 46 MBW
- Whiting Threemile 43 – 18 H
  - 2009 completed as a horizontal oil well
  - Cum production (12 / 2010): 12 MBO, 1.821 MMCF, 62 MBW
- 2010: Stone Energy Corp acquired farm – in from Threemile unit partners to drill a Cane Creek test
- 2010 – 2011 Stone drilled & completed the Threemile 12 – 7 horizontal well
- Stone currently in the process of assuming operatorship of Threemile Unit and drilling two additional exploration wells in the area

Stone Energy Corporation
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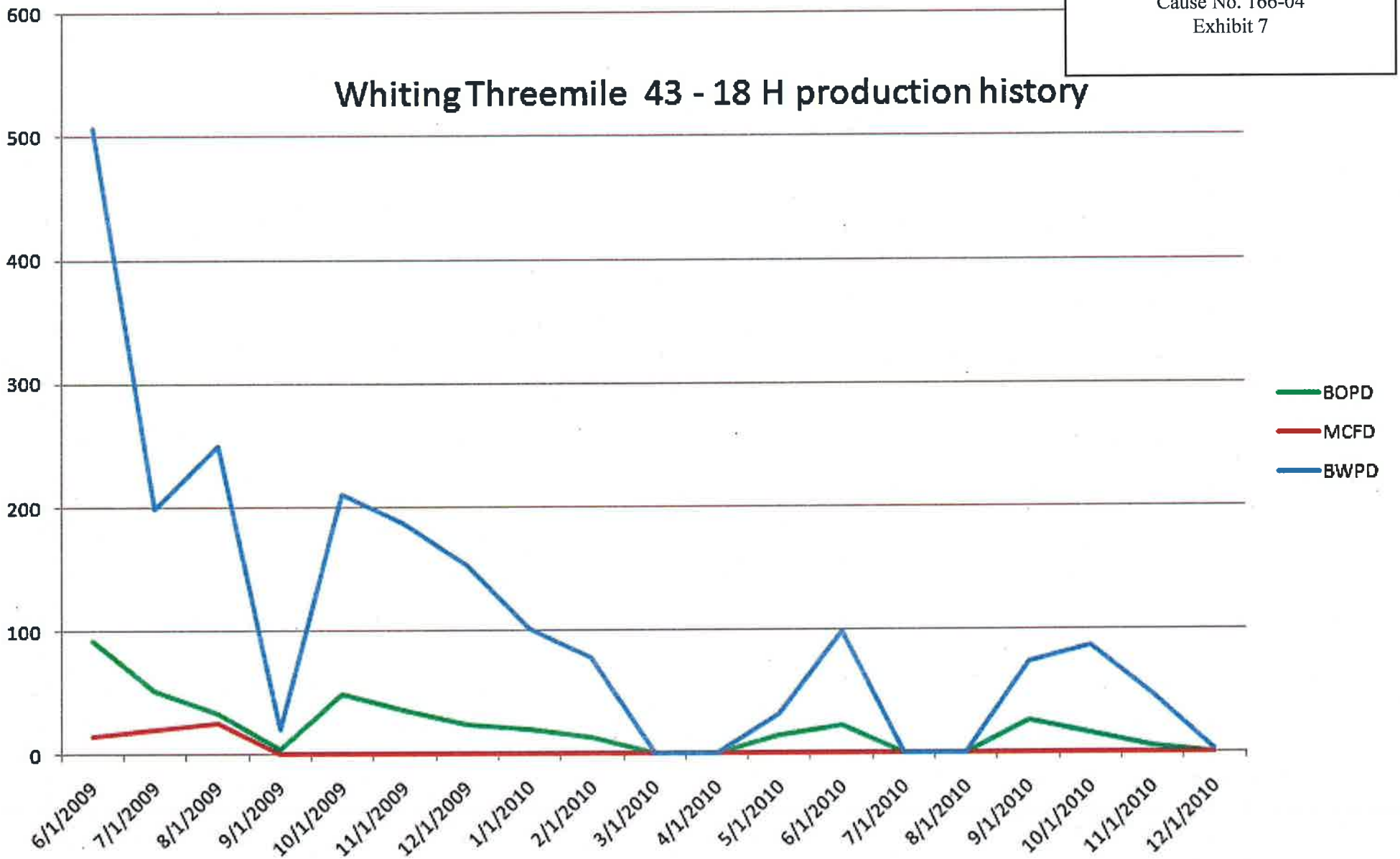
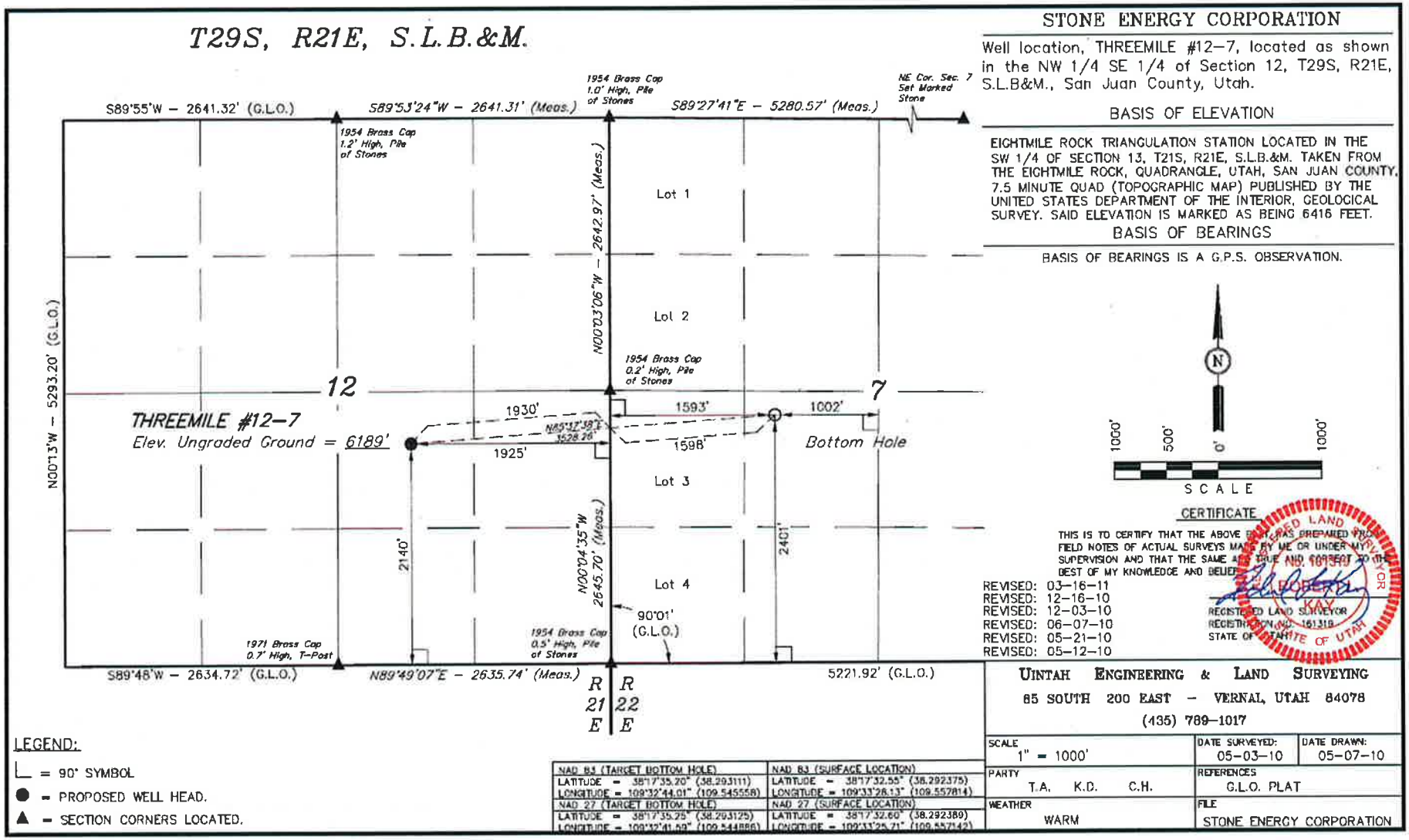
Exhibit 7





STONE ENERGY CORPORATION

Well location, THREEMILE #12-7, located as shown in the NW 1/4 SE 1/4 of Section 12, T29S, R21E, S.L.B&M., San Juan County, Utah.

BASIS OF ELEVATION

EIGHTMILE ROCK TRIANGULATION STATION LOCATED IN THE SW 1/4 OF SECTION 13, T21S, R21E, S.L.B.&M. TAKEN FROM THE EIGHTMILE ROCK, QUADRANGLE, UTAH, SAN JUAN COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 6416 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

N

1000' 500' 0' 1000'

SCALE

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REVISED: 03-16-11
REVISED: 12-16-10
REVISED: 12-03-10
REVISED: 06-07-10
REVISED: 05-21-10
REVISED: 05-12-10

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161318
STATE OF UTAH

LEGEND:

└ = 90° SYMBOL
● = PROPOSED WELL HEAD.
▲ = SECTION CORNERS LOCATED.

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 38°17'35.20" (38.293111)	LATITUDE = 38°17'32.55" (38.292375)
LONGITUDE = 109°32'44.01" (109.545558)	LONGITUDE = 109°33'28.13" (109.557814)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)
LATITUDE = 38°17'35.25" (38.293125)	LATITUDE = 38°17'32.60" (38.292389)
LONGITUDE = 109°32'41.92" (109.544886)	LONGITUDE = 109°33'25.71" (109.557142)

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE: 1" = 1000'	DATE SURVEYED: 05-03-10	DATE DRAWN: 05-07-10
PARTY: T.A. K.D. C.H.	REFERENCES: G.L.O. PLAT	
WEATHER: WARM	FILE: STONE ENERGY CORPORATION	

Stone Energy Corporation
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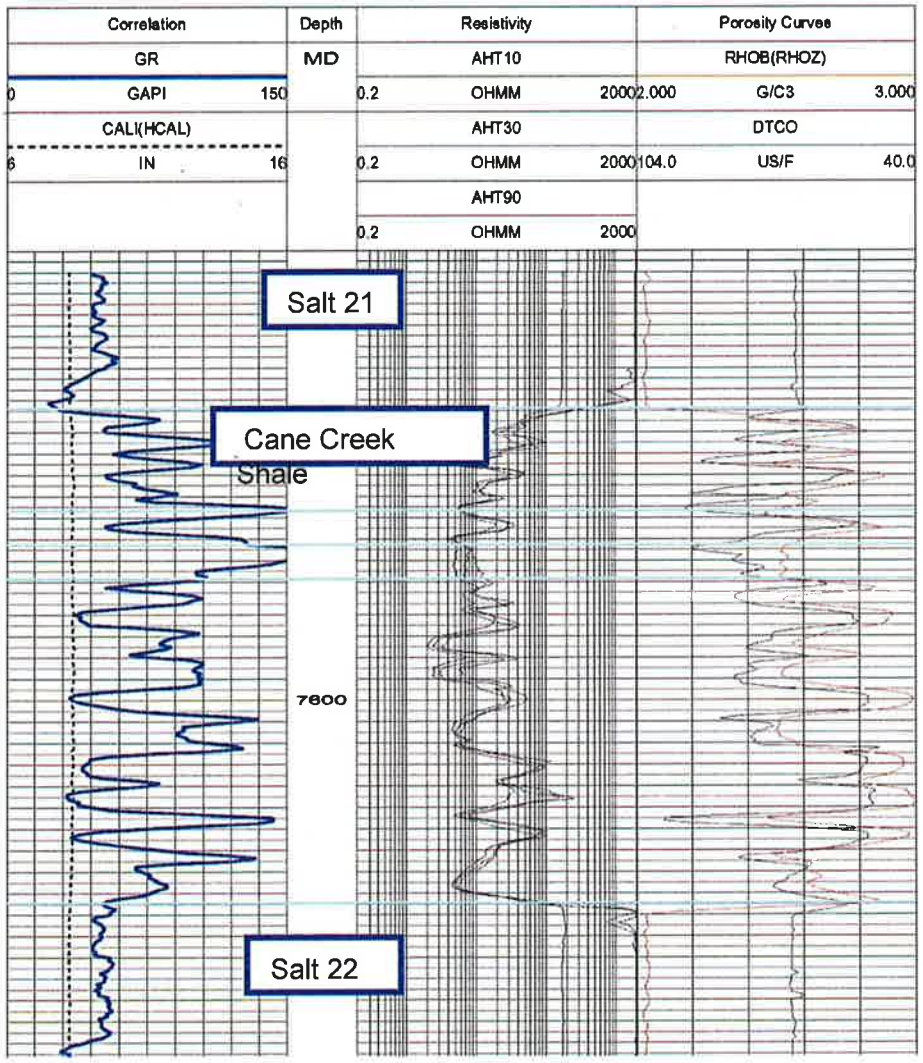
Exhibit 8

Well	Threemile 12-7
Well ID	43037500010000
Field	WILDCAT
County	SAN JUAN
State/Prov	UTAH
Country	
Location	TWP: 29 S - Range: 21 E - Sec. 12
Status	Loc



Threemile Unit production is from Clastic 21 (Cane Creek Shale)

Stone Energy Corporation
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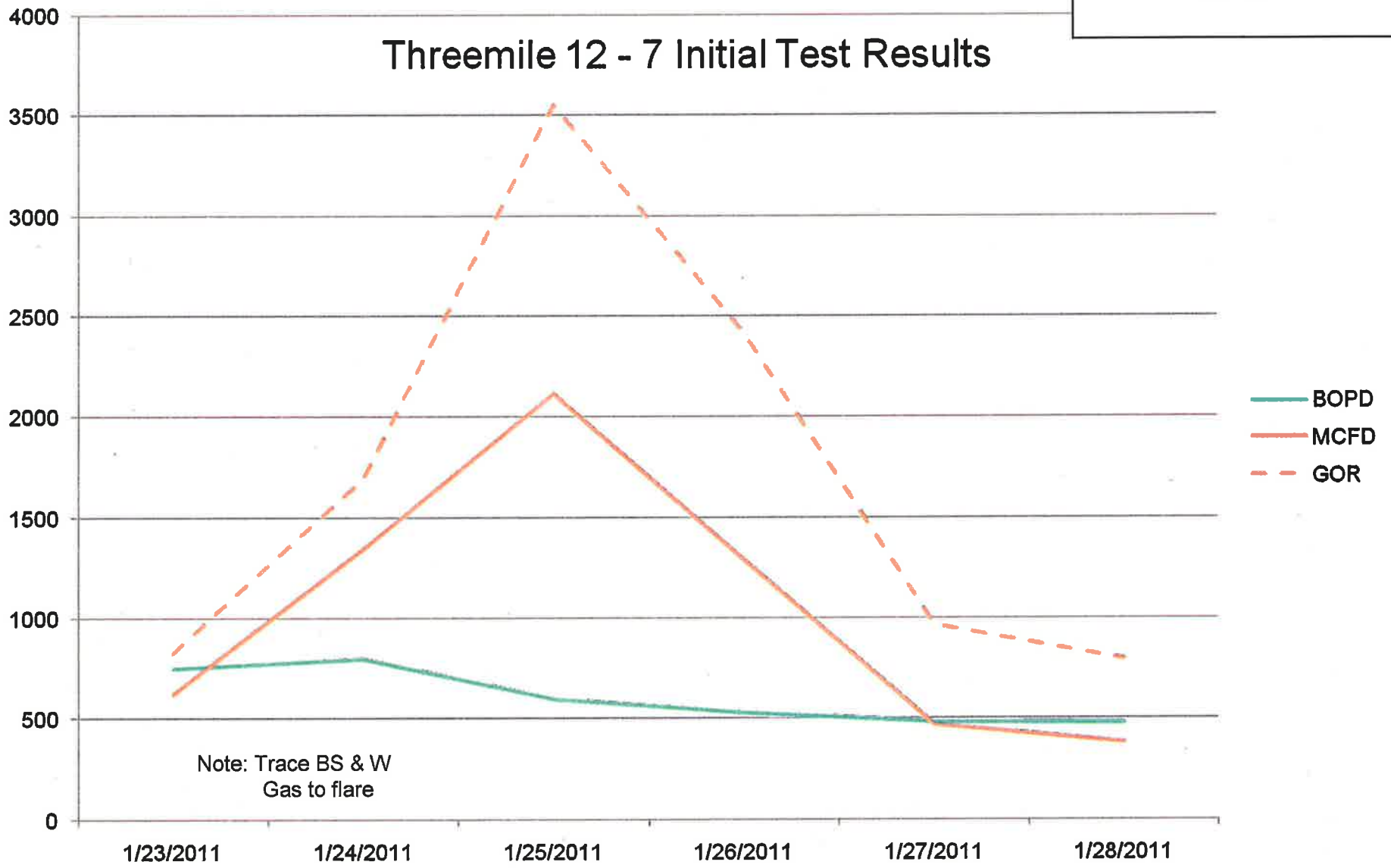
Exhibit 9

Stone Energy Corporation
Docket No. 2011-008
Cause No. 166-04
Exhibit 10



Stone Energy Corporation
Docket No. 2011-008
Cause No. 166-04
Exhibit 11-1

Print Reset

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.: UTU-76580

1a. Type of Well: ☑ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☑ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other:

6. If Indian, Allottee or Tribe Name: N/A

7. Unit or CA Agreement Name and No.: Threemile Unit (UTU-84722X)

2. Name of Operator: Stone Energy Corporation

8. Lease Name and Well No.: Threemile 12-7

3. Address: 625 East Kaliste Saloom Rd, Lafayette, LA 70508

3a. Phone No. (include area code): 303-718-9832

9. API Well No.: 4303750001

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface: 2,140' FSL & 1,925' FEL, NW/4 SE/4, Section 12, T29S, R21E, SLB&M

At top prod. interval reported below

At total depth: 2,401' FSL & 1,593' FWL, NE/4 SW/4, Section 7, T29S, R22E, SLB&M

10. Field and Pool or Exploratory: Exploratory

11. Sec., T., R., M., or Block and Survey or Area: Section 12-T29S-R21E

12. County or Parish: San Juan

13. State: UT

14. Date Spudded: 10/18/2010

15. Date T.D. Reached: 12/10/2010

16. Date Completed: ☐ D & A ☑ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*: 6,189' GL / 6,208' KB

18. Total Depth: MD 10,724' TVD 7,661'

19. Plug Back T.D.: MD 10,680' TVD 7,656'

20. Depth Bridge Plug Set: MD 10,680' TVD 7,656'

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
Triple Combo (TLD, HRLA, HGNS, STA, DTC), BHC Sonic-GR, CBL

22. Was well cored? ☑ No ☐ Yes (Submit analysis)
Was DST run? ☑ No ☐ Yes (Submit report)
Directional Survey? ☐ No ☑ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17-1/2"	13-3/8" K55	54.5	surface	1500'	None	880 sx Vancem	382	surface	None
						488 sx Class G	101		top-out cement
12-1/4"	9.625, HCL8	40	surface	5036'	None	1314 sx Vance	444	surface	None
						544 sx 85/15 Po	125		top-out cement
8-1/2"	7", HCL-80	32	surface	7917'	None	505 sx Elastice	117.8	unknown	None
6"	4.5", P-110	13.5	7,821'	10,698'	None	Uncemented			None

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
None								

25. Producing Intervals

	Formation	Top	Bottom
A)	Cane Creek		
B)			
C)			
D)			

26. Perforation Record

Perforated Interval	Size	No. Holes	Perf. Status
(see below)			

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
(None)	

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
1/13/11	1/24/11	24	→	795	2406	0	42.5	0.76	Flowing

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
10/64"		1382	→	795	2406	0	3026	Constructing tank battery.

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
			→					

*(See instructions and spaces for additional data on page 2)

Stone Energy Corporation
Docket No. 2011-008
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Exhibit 11-2

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method

Choke Size	Tbg. Press Flwg. SI	Csg. Press	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method

Choke Size	Tbg. Press Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status

29. Disposition of Gas (*Solid, used for fuel, vented, etc.*)
Used awaiting pipeline

30. Summary of Porous Zones (Include Aquifers).

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc	Name	Top Meas. Depth
				Haynesville Shale	4641
				Chimney Rock Shale	5058
				Clastic 10	6899
				Cane Creek Shale	7540
				Cane Creek Base	7642

32. Additional remarks (include plugging procedure)

INTERVAL	FOOTAGE	#	DIA
10,650' - 10,652'	2'	12	0.39
10,622' - 10,624	2'	12	0.39
10,550' - 10,552'	2'	12	0.39
10,440' - 10,442'	2'	12	0.39
10,408' - 10,410'	2'	12	0.39
10,346' - 10,348'	2'	12	0.39
10,328' - 10,330'	2'	12	0.39

NOTE: No tubing in well. 4-1/2" liner is tied back to surface (4-1/2", 13.5#, P-110, CDC)

33. Indicate which items have been attached by placing a check in the appropriate boxes:

☑ Electrical/Mechanical Logs (1 full set req'd.) ☑ Geologic Report ☐ DST Report ☑ Directional Survey
☐ Sundry Notice for plugging and cement verification ☐ Core Analysis ☐ Other.

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (*please print*) Kim Overcash Title Project Manager

Signature Kim Overcash Date 7/28/2011

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

Stone Energy Threemile 12 – 7 Gas Analysis

Stone Energy Corporation
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Exhibit 12

LIMS ID:	N/A		Description:	Three Mile #12-7
Analysis Date/Time:	1/27/2011	2:37 PM	Field:	San Jaun, UT
Analyst Initials:	AST		ML#:	Stone Energy Corp
Instrument ID:	Instrument 1		GC Method:	Quesbtex
Data File:	QPC66.D			
Date Sampled:	1/26/2011			

Component	Mol%	Wt%	LV%
Methane	73.4066	53.9233	63.3748
Ethane	15.1984	20.9260	20.7590
Propane	6.5050	13.1346	9.1353
Isobutane	0.6016	1.6011	1.0030
n-Butane	1.6656	4.4329	2.6763
Neopentane	0.0108	0.0356	0.0210
Isopentane	0.3068	1.0137	0.5724
n-Pentane	0.4725	1.5609	0.8721
2,2-Dimethylbutane	0.0019	0.0076	0.0041
2,3-Dimethylbutane	0.0182	0.0719	0.0381
2-Methylpentane	0.0696	0.2746	0.1472
3-Methylpentane	0.0350	0.1383	0.0729
n-Hexane	0.1300	0.5131	0.2724
Heptanes	0.0998	0.4244	0.2029
Octanes	0.0082	0.0430	0.0211
Nonanes	0.0015	0.0082	0.0037
Decanes plus	0.0003	0.0020	0.0010
Nitrogen	1.4604	1.8732	0.8160
Carbon Dioxide	0.0078	0.0156	0.0067
Oxygen	0.0000	0.0000	0.0000
Hydrogen Sulfide	0.0000	0.0000	0.0000
Total	100.0000	100.0000	100.0000

Global Properties		Units
Gross BTU/Real CF	1305.4	BTU/SCF at 60°F and 14.73 psia
Sat.Gross BTU/Real CF	1284.1	BTU/SCF at 60°F and 14.73 psia
Gas Compressibility (Z)	0.9961	
Specific Gravity	0.7559	air=1
Avg Molecular Weight	21.839	gm/mole
Propane GPM	1.782778	gal/MCF
Butane GPM	0.720121	gal/MCF
Gasoline GPM	0.431691	gal/MCF
26# Gasoline GPM	0.955667	gal/MCF
Total GPM	2.934809	gal/MCF
Base Mol%	100.254	%v/v

Stone Energy Corporation
Docket No. 2011-008
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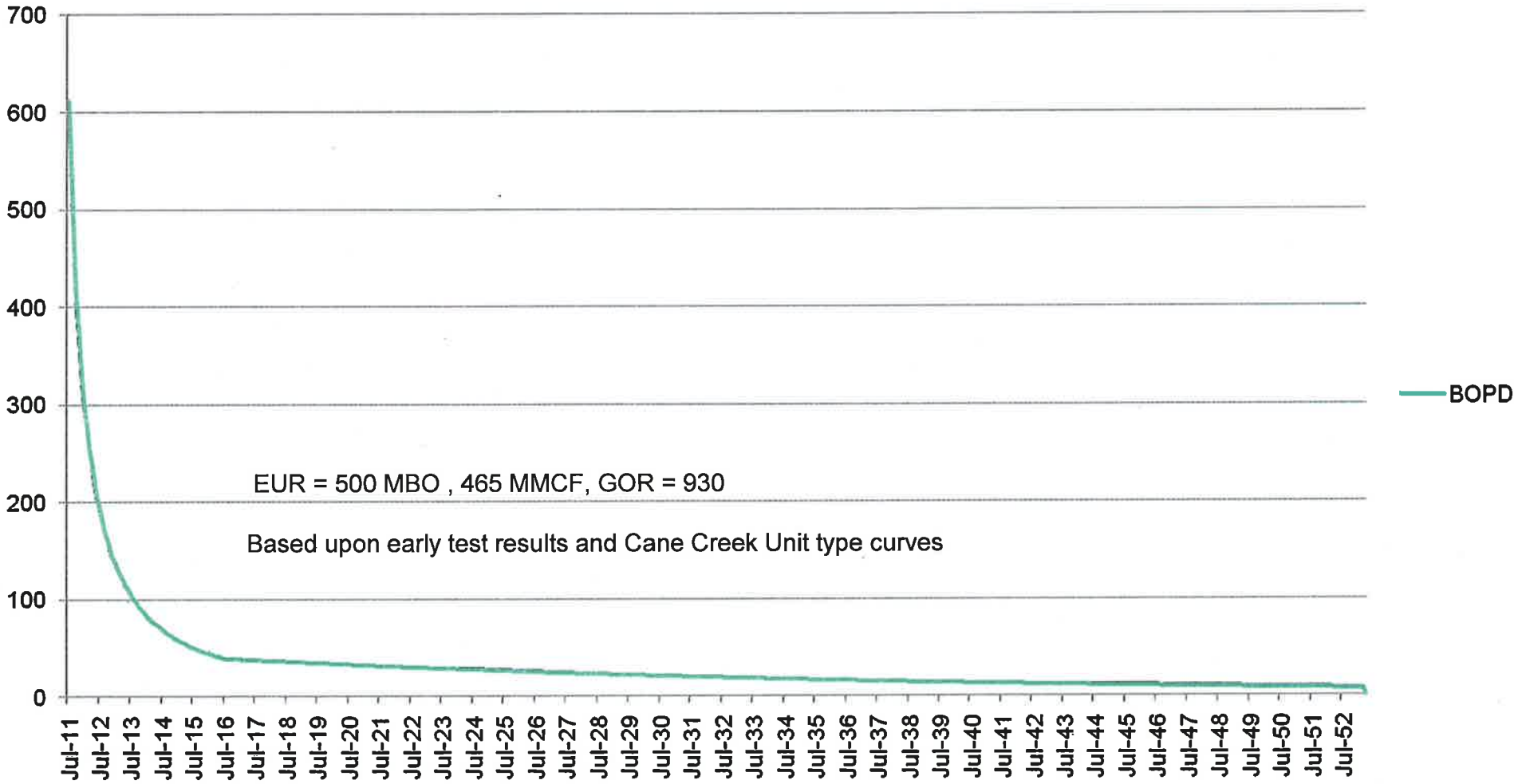
Exhibit 13

Three Mile 12 - 7 Pro- Forma Production Forecast



Threemile 12 – 7 Proforma Production Forecast

- Based upon Cane Creek Unit type curves and early test results
- 500 MBO EUR, 465 MMCF with a 920 GOR
- Initial oil rate = 600 BOPD with 570 MCFD of associated gas

Stone Energy Corporation
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Cause No. 166-04
Exhibit 14

Threemile 12 – 7 example economics run

Field: THREE MILE GOR
Lease: THREE MILE - 920 GOR
Reservoir : 500 MBO
Res Cat:
Operator: SGY
Propnum: M39DOTPP1W

Strip Price
Base Capital

DATE : 03/09/11
TIME : 10:32:08
DBS : STONE
SETTINGS : SETDATA
SCENARIO : BASE_KIM

R E S E R V E S   A N D   E C O N O M I C S

EFFECTIVE DATE: 3/11

	GROSS PRODUCTION		NET SALES		NET	PRICES		REVENUE		
-END- MO-YR	OIL MBBL	GAS MMCF	OIL MBBL	GAS MMCF	EQUIV MMCFE	OIL $/BBL	GAS $/MCF	OIL M$	GAS M$	TOTAL M$
2-12	100.2	0.0	78.1	0.0	468.5	92.86	6.33	7256.7	0.0	7256.7
2-13	66.3	0.0	51.7	0.0	310.1	92.86	6.33	4799.8	0.0	4799.8
2-14	36.4	20.6	28.4	16.1	186.3	92.86	6.33	2635.1	101.9	2736.9
2-15	24.2	22.4	18.9	17.5	130.6	92.86	6.33	1751.2	110.6	1861.8
2-16	17.7	16.4	13.8	12.8	95.7	92.86	6.33	1282.8	81.0	1363.8
2-17	14.3	13.3	11.2	10.3	77.3	92.86	6.33	1036.4	65.5	1101.9
2-18	13.5	12.5	10.6	9.8	73.1	92.86	6.33	979.9	61.9	1041.8
2-19	12.9	12.0	10.1	9.3	69.9	92.86	6.33	936.9	59.2	996.1
2-20	12.4	11.5	9.6	8.9	66.8	92.86	6.33	895.8	56.6	952.4
2-21	11.8	11.0	9.2	8.5	63.9	92.86	6.33	856.5	54.1	910.6
2-22	11.3	10.5	8.8	8.2	61.1	92.86	6.33	818.9	51.7	870.6
2-23	10.8	10.0	8.4	7.8	58.4	92.86	6.33	782.9	49.5	832.4
2-24	10.3	9.6	8.1	7.5	55.8	92.86	6.33	748.6	47.3	795.8
2-25	9.9	9.2	7.7	7.1	53.4	92.86	6.33	715.7	45.2	760.9
2-26	9.4	8.8	7.4	6.8	51.0	92.86	6.33	684.3	43.2	727.5
S-TOT	361.5	167.6	281.9	130.7	1822.4	92.86	6.33	26181.5	827.6	27009.1
AFTER	144.8	134.1	112.9	104.6	782.2	92.86	6.33	10486.6	662.4	11149.0
TOTAL	506.2	301.7	394.9	235.4	2604.6	92.86	6.33	36668.1	1490.1	38158.1

	EXPENSES			CAPITAL COSTS			CASH FLOW	CUM CASH FL	CUM.DISC
-END- MO-YR	SEV + ADV M$	G&A & INT M$	NET OPER M$	TANG M$	INTANG M$	TOTAL M$	BTAX M$	BTAX M$	10.0% M$
2-12	362.8	0.0	24.0	8500.1	0.0	8500.1	-1630.3	-1630.3	-1870.6
2-13	240.0	0.0	28.8	14100.0	0.0	14100.0	-9568.2	-11198.4	-10335.5
2-14	136.8	0.0	19.7	0.0	0.0	0.0	2580.4	-8618.0	-8295.2
2-15	93.1	0.0	16.6	0.0	0.0	0.0	1752.1	-6865.9	-7036.1
2-16	68.2	0.0	16.0	0.0	0.0	0.0	1279.6	-5586.3	-6200.7
2-17	55.1	0.0	15.7	0.0	0.0	0.0	1031.1	-4555.2	-5589.5
2-18	52.1	0.0	15.7	0.0	0.0	0.0	974.1	-3581.1	-5064.9
2-19	49.8	0.0	15.6	0.0	0.0	0.0	930.7	-2650.4	-4609.2
2-20	47.6	0.0	15.5	0.0	0.0	0.0	889.2	-1761.2	-4213.4
2-21	45.5	0.0	15.5	0.0	0.0	0.0	849.5	-911.7	-3869.6
2-22	43.5	0.0	15.4	0.0	0.0	0.0	811.6	-100.1	-3571.0
2-23	41.6	0.0	15.4	0.0	0.0	0.0	775.4	675.3	-3311.7
2-24	39.8	0.0	15.4	0.0	0.0	0.0	740.7	1416.0	-3086.6
2-25	38.0	0.0	15.3	0.0	0.0	0.0	707.5	2123.5	-2891.0
2-26	36.4	0.0	15.3	0.0	0.0	0.0	675.8	2799.4	-2721.2
S-TOT	1350.3	0.0	259.2	22600.1	0.0	22600.1	2799.4	2799.4	-2721.2
AFTER	557.9	0.0	404.6	0.0	0.0	0.0	10187.0	12986.3	-1628.1
TOTAL	1907.9	0.0	663.8	22600.1	0.0	22600.1	12986.3	12986.3	-1628.1

PRODUCTION START DATE 7/11
PROJECT LIFE (YRS) 42.17

INVESTMENTS:M$	TANG	INTANG	TOTAL
DATA:	0.0	0.0	0.0
CAPTURE:	0.0	0.0	0.0
EXPL DRILL:	6301.2	0.0	6301.2
DEVEL DRILL:	0.0	0.0	0.0
COMPLETION:	1793.9	0.0	1793.9
FACILITIES:	14505.0	0.0	14505.0
MAINTENANCE:	0.0	0.0	0.0
MISC:	0.0	0.0	0.0
P & A:	0.0	0.0	0.0
TOTAL:	22600.1	0.0	22600.1

RATE OF RETURN (PCT)	8.0
PAYOUT YEARS	11.13
PAYOUT YEARS (DISC)	42.17
NET INC/INV (PIR)	1.57
NET INC/INV(DISC)-(PIR)	0.92

	INITIAL %	FINAL %
WRG INT	100.000	100.000
NRI-Oil	78.000	78.000
NRI-Gas	78.000	78.000

PRESENT WORTH

DISC RATE %	BTAX M$
0.0	12986.3
5.0	2437.0
10.0	-1628.1
15.0	-3576.9
20.0	-4649.4
25.0	-5290.0
50.0	-6275.9
75.0	-6274.0
100.0	-6098.4
150.0	-5713.3
200.0	-5403.7
250.0	-5167.9
500.0	-4543.6

DATABASE : Aaries_Prospects_Rev

Stone Energy Corporation
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Exhibit 15

Threemile 12 – 7 example economics

- PV 10 = - $ 1.6 MM

- Assumptions:
  - 500 MBO EUR with a 920 GOR
  - IP = 600 BOPD and 570 MCFD
  - $ 8.5 MM well cost
  - $ 14.4 MM pipeline cost
  - Avg oil pricing = $ 103 / bo
  - Avg gas pricing = $ 5 / mcf
  - Gas stream online yr 2014

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Exhibit 16

Alternatives to Gas Flaring

The following alternatives to gas flaring have been considered. The alternative of a gas pipeline is the only viable alternative to the flaring of gas as the Stone Energy Hatch Point area Cane Creek play is being explored and defined through the drilling of additional exploration wells.

- Pipeline
- Compressed Natural Gas (CNG)
- Gas to Liquids Technology (GTL)
- Gas to Wire (Electrical Generation)
- Gas Injection
- Use on Lease

Note: Refer to Appendix I. for back – up information regarding alternatives to flaring and a pipeline installation.

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Exhibit 17

Gas Pipeline Alternative

- A gas pipeline is the preferred option to flaring.
- The Williams 26 inch Northwest pipeline is 9 miles east of the Threemile 12 – 7 well.
- The Lisbon Gas Plant is 15 miles southeast from the Threemile 12 - 7 well
- Several alternatives are being considered including the installation of a plant and compression into the Northwest pipeline or possible use of the existing Lisbon plant which is also in the area.
- The gas gathering trunkline will likely be a low pressure pipeline comprised of a 16 and 12 inch pipe.

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Exhibit 18

Appendix I

- The following slides are from a similar hearing in year 2008 regarding a Fidelity Exploration and Production Company request to flare , Docket NO. 2008 -18,Cause N196-40.

- Fidelity's Cane Creek Unit wells are completed in the Cane Creek clastic sequence at similar depths and pressures as encountered in the Stone Energy Hatch Point Cane Creek play. The Fidelity Cane Creek Unit is 20 miles NW from the Stone Energy exploratory Hatch Point area.

- The conclusions regarding alternatives to gas flaring are relevant to the Stone Energy Hatch Point area.

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Ex. Appendix 1-1

Compressed Natural Gas (CNG)

- **Would require newly constructed plant to process and compress the gas; $15MM approximate cost to construct**
- **Plant footprint would encompass 3-4 acres**
- **Specialized trucks required to move the CNG; high volume of field truck traffic**
- **No local market has been identified for CNG use**
- **<u>Not feasible option</u>**

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Ex. Appendix 1-2

Gas to Liquids Technology (GTL)

- **GTL is a catalytic process that converts natural gas to long-chained hydrocarbons liquids**
- **GTL technology is well known and proven, but rarely used**
- **It is the economies of scale and lack of other alternatives that render GTL feasible**
- **For example-**

Min. Natural Gas Flowrate:	**150 MMscfd**
CCU #1-1 Flowrate:	**278 Mscfd**
9 Well Flowrate:	**1.6 MMscfd**
Est. Capital Investment:	**$10-15MM**
Timeline, Incept. to Startup:	**3 to 5 years**

- **Application GTL to CCU #1-1 infeasible**

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Ex. Appendix 1-3

Gas to Wire (Electrical Generation)

- New technology has developed small-scale units capable of power generation as low as 65 kW
- CCU #1-1 278 Mscfd of gas could generate ~400 kW of electricity. No on-site need (well or unit) for electricity. No infrastructure in place to access the grid. Must construct high-voltage power line system.
- Capital cost is estimated at $1.5 million; $13.5 for unit on 9 well scenario. (Transmission infra-structure costs not included).
- Aggregate unit foot print ~1 acre.
- Environmental impacts are similar to flaring--emissions are comprised of NOx, CO and C02, thus defeating the purpose of a flaring alternative.
- Not best option considering environmental issues and inability to use generated power at the field level.

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Ex. Appendix 1-4A

Gas to Wire (cont.)

- **Does not eliminate flaring**
- **Regardless of size, power put into a grid must go through a time-consuming FERC approval process.**

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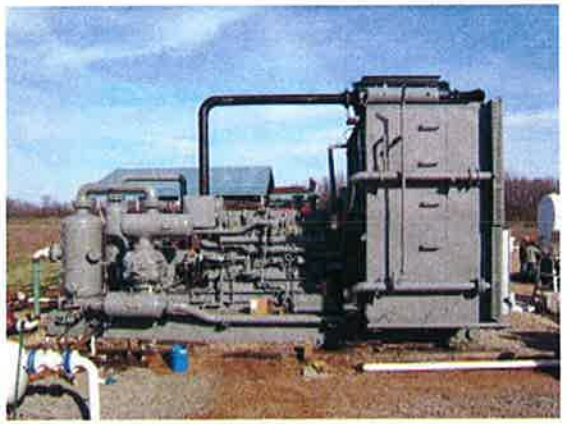
Ex. Appendix 1-4B

Gas Injection

- **New well to Cane Creek formation required for gas injection; approximate cost of $7MM (not including tubulars or compression).**



- **Cane Creek formation is "over-pressured," making the injection of gas into the Cane Creek formation highly unlikely.**

- **Not feasible option**

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Ex. Appendix 1-5

Use on Lease

Impractical to gather gas for four of the unit wells

- **Well #'s: 19-1A, 10-1, 34-1, & 27-1**
- **Second** Quarter 2008: 149 Mcfd* produced from these four wells
- 40 Mcfd used for fuel at four well-sites: 8 to 10 Mcfd average use unit-wide (fired heaters, beam pumps).
- Must flare 109 Mcfd.
- Compressing gas for sales nearly doubles the fuel consumed on lease (another 40 Mcfd or net sales of **69 Mcfd** ignoring decline).
- **Not a viable option.**

*** Statistic does not include Cane Creek 1-1.**

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Ex. Appendix 1-6

Summary

- Stone Energy Corporation requests permission to flare until the Hatch Point Cane Creek exploration play is proven and a gas pipeline can be constructed.
- Alternative pipeline scenarios are being evaluated.
- Oil revenues lost from the Stone Threemile 12 – 7 well could be $7.3 million in the first year if the well is shut in.
- Stone is in the process of drilling and completing two additional exploration wells in the Hatch Point area to further evaluate the play.

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Exhibit 19

Kent Davis Vita

Kent Davis is the former manager of the Land Department in Stone's Rocky Mountain District Office. Mr. Davis is a landman and degreed business school graduate. He was responsible for the negotiation, review and execution of all contracts regarding the Rocky Mountain District's oil and gas operations and supervised five landmen and three support personnel. Mr. Davis was instrumental in the negotiation and preparation of the Purchase and Sale Agreement to Newfield, supervising the records review and due diligence performed by Newfield of the Rocky Mountain District properties and the preparation and execution of all conveyance documents into Newfield.

He is a former President of the Denver Association of Petroleum Landmen and on the Board of Trustees for the Rocky Mountain Mineral Law Foundation. Mr. Davis has been instrumental in the acquisition of Stone's land position in the Hatch Point area.

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Exhibit 20

Kim Overcash Vita

Kim Overcash headed Stone Energy Corporation's Rocky Mountain region office and was responsible to the executive team for the growth and management of Stone's Rocky Mountain business. Mr. Overcash directed the efforts which resulted in the building of Stone's Rockies asset base from a group of marginal, scattered properties to a highly successful business with active development drilling programs in two core areas plus a multi – year inventory of development locations. He has worked as a consultant for Stone Energy since the divestment of the majority of Stone's Rockies assets in mid-2007. Mr. Overcash most recently has put together the team to identify, acquire, fund, and drill opportunities in the Rockies including in the Hatch Point area in San Juan County, Utah.

Mr. Overcash is a former 25 year Amoco Production Company general and engineering manager in Alaska, Wyoming, Oklahoma, and Louisiana. He has a Masters Degree in Engineering from Auburn University.

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Exhibit 21